

ORD Waste Technical Support

(11/04/99)

Laboratory/Center Contacts for General Information:

National Center for Environmental Assessment (NCEA)	Kevin Garrahan	202-564-3336
National Center for Environmental Research and Quality Assurance (NCERQA) (Including Hazardous Substances Research Centers)	Tom Veirs	202-564-6831
National Exposure Research Laboratory (NERL)	Jane Denne	702-798-2655
National Health and Environmental Effects Research Laboratory	Mike Waters	919-541-2537
National Risk Management Research Laboratory (NRMRL)	Trish Erickson	513-569-7406
Superfund Technical Liaison Program	Paul Zielinski	202-564-6772

Contaminated Sites - Site Specific Technical Support

This technical support area consolidates activities which provide site-specific technical support for characterization, modeling, monitoring, assessment and remediation of contaminated sites under Superfund and RCRA corrective actions. Specific elements included are:

Environmental Photographic Interpretation Center (EPIC) - Contact: Donald Garofalo 703-648-4285. This center provides site-specific information on the condition and activities occurring at hazardous waste disposal sites at a point in time or over a historical period; documents these conditions and changes; provide guides in the form of reports, maps, and photographs for assisting in the safe cleanup of hazardous waste materials; and assists in emergency response and enforcement efforts when requested by client offices. Remote sensing technical support is provided to all EPA Regional Superfund Offices and OERR, and includes: hazardous waste disposal site characterization and mapping; annotated aerial photo interpretation reports; topographic mapping of waste disposal sites; acquisition of aerial photographs; and enforcement support.

Support Provided in FY 1999 included:

Projects - 161

SF - 143

RCRA - 18

Monitoring and Site Characterization Technology Support Center - Contact: Kenneth Brown 702-798-2270. This center provides scientific and technical assistance in the characterization of hazardous waste sites and associated site contaminants. State-of-the-science methods and technologies are identified and applied to identify contaminants, determine their levels and concentrations, and identify their geographic extent and distribution for site characterization and remediation.

Support Provided in FY 1999 included:

Projects - 85 Superfund

Short Term Requests - 200 Superfund

Issue Papers -2

Center for Exposure Assessment Modeling (CEAM) - Contact: Frank Stancil 706-355-8300.

CEAM's goals are to develop, maintain, and apply state-of-the-science technical tools including multimedia exposure and ecosystem response simulation models, environmental databases, data analysis packages, tool application strategies, and advanced educational materials in the environmental sciences.

Support Provided in FY 1999 included:

Telephone Requests - 202

Home Page - 18,306

Models Distributed - 6,915 - 66 disk, 6,849 Internet. (In FY99, CEAM passed the 50,000 mark in models distributed).

Direct Support: 3 Sites

Classes - 5 with 100 attendees

Center for Subsurface Modeling Support (CSMoS) - Contact: David Jewett 580-436-8560 .

Provides support for development, testing, application, and distribution of models on fate and transport of contaminants in the subsurface environment.

Support Provided in FY 1999 included:_____

Model Software Distributed - 9,452 copies

Modeling Assistance Requests - 574

Engineering Technical Support Center (ETSC) and Superfund Technical Assistance

Response Team (START) - Contact: Dave Reisman 513-487-2588. Provides support for site-specific assistance on engineering and treatment issues in site remediation.

Support Provided in FY 1999 included:

Superfund - 255 Actions at 98 Sites

Non-Superfund - 33 Actions at 14 Sites

Ground Water Technical Support Center (GWTSC) - Contact: Dave Burden 580-436-8606.

Provides support for site-specific assistance on ground water and subsurface contamination problems in site remediation. Provides issue papers and training courses. Training courses are offered in EPA regions at the regions' request.

Support Provided in FY 1999 included:

Superfund - 100 Actions at 52 Sites

Non-Superfund - 20 Actions at 13 Sites

8 Training Courses

Superfund Health Risk Technical Support Center - Contact: Harlal Choudhury 513/569-7536.

The Superfund Health Risk Technical Support Center (STSC) supports regional and headquarters Superfund risk assessors by reviewing and developing exposure and toxicity factors that allow more accurate quantitative estimates of risk to be developed. Much of the activity is focused on developing new and updated peer reviewed provisional toxicity values that describe dose-response toxicological relationships. External peer review of the provisional toxicity values was initiated in FY1999. The Center also provides user support through the STSC Hotline, as well as onsite expertise reviews. All assistance is provided on a rapid turn-around basis.

Support Provided during FY1999 included:

532 Hotline requests that include -

193 HEAST User Support requests

215 Superfund Chemical Specific requests

124 Other Technical Assistance requests

58 New and Updated Provisional Toxicity Values

34 of the 58 Provisional Toxicity Values - Externally Peer Reviewed

Superfund Ecological Risk Technical Support Center (Michael Slimak 202-564-3324)

NCEA is in the process of developing, on a one-year pilot basis, a technical support center that would assist regional risk assessors in evaluating ecological risks at Superfund waste sites. The exact nature and scope of the center will be determined by a team of NCEA, headquarters, and regional ecological risk assessors. It is currently planned that this center will begin operations in early 2000.

Superfund Technical Liaison Program - Contacts: R1- Stephen Mangion 617-918-1452,

R2 - Jon Josephs 212-637-4317, R3- Norman Kulujian 215-814-3130,

R4 - Felicia Barnett 404-562-8659, R7 - Robert Mournighan 913-551-7913,

R8 Robert Stone 303-312-6777, R9 - Michael Gill 415-744-2385,

R10 - John Barich 206-553-8562

Provides ORD representatives to regions to support regional integration of technology and coordination with ORD.

Superfund Program Support/Tech Transfer (Contact Lab/Center as above)

This technical support area provides support to OSWER for technology transfer, issue papers on topics of concern to the program, workshops, manuals, and other support to program office activities. Support is provided across the risk paradigm. In addition, the Subsurface Remediation Information Center distributed 1,594 copies of publications.

Combustion Technical Assistance Center- Contact: Femi Adeshina 513-569-7147.

The Combustion Technical Assistance Center (CTAC) provides technical assistance to regional, state, and headquarter risk assessors who must evaluate the risks from over 200 RCRA combustion facilities. Major issues addressed include evaluating the fate, transport and toxicity of combustor contaminants; and developing procedures to better quantify the risks from these facilities.

RCRA Program Support (Contact Lab/Center as above)

Technical support to the RCRA program includes technical advice on development of combustion regulations and on their implementation, tech transfer documents, workshops and P2 to support RCRA programs, scientific advice, input and review in support of regulations and guidance, and support of HWIR.